



Sonic Cement Bond Log

API No. 15-159-22,685-00-00		Company American Warrior, Inc. Well Coleman No. 1-21 Field Chase-Silica County Rice State Kansas	
Location 1,660' FNL & 650' FEL		Other Services Mast Trailer	
Sec: 21 Twp: 19 S Rge: 10 W			
Permanent Datum	Ground Level	Elevation 1763	K.B. 1771 D.F. 1763
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Run Number	One		
Date Survey	06-04-2012		
Date Cementing	05-17-2012		
Type Cementing Operation	Primary		
Depth Driller	3400		
Depth Logger	3379		
Logged Interval	3378 to 2200		
Casing Driller	5.5" @ T.D.		@
Float Collar -- D.V. Tool	////		
Squeeze Depth	////		
Amount & Type Cement	////		
Amount & Type Admix	////		
Type Fluid In Hole	Water		
Fluid Level	Full		
Salinity PPM CL	////		
Weight lb/gal -- Vis.	////		
Approx. Logged Cement Top	2368		
Calculated Cement Top	////		
Max. Hole Temperature	112		
Tool No.	RBT 5-5		
Spacing Recorded	3-5		
Equipment -- Location	3 Hays		
Recorded By	Stan Linenberger		
Witnessed By	Kevin Wiles		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

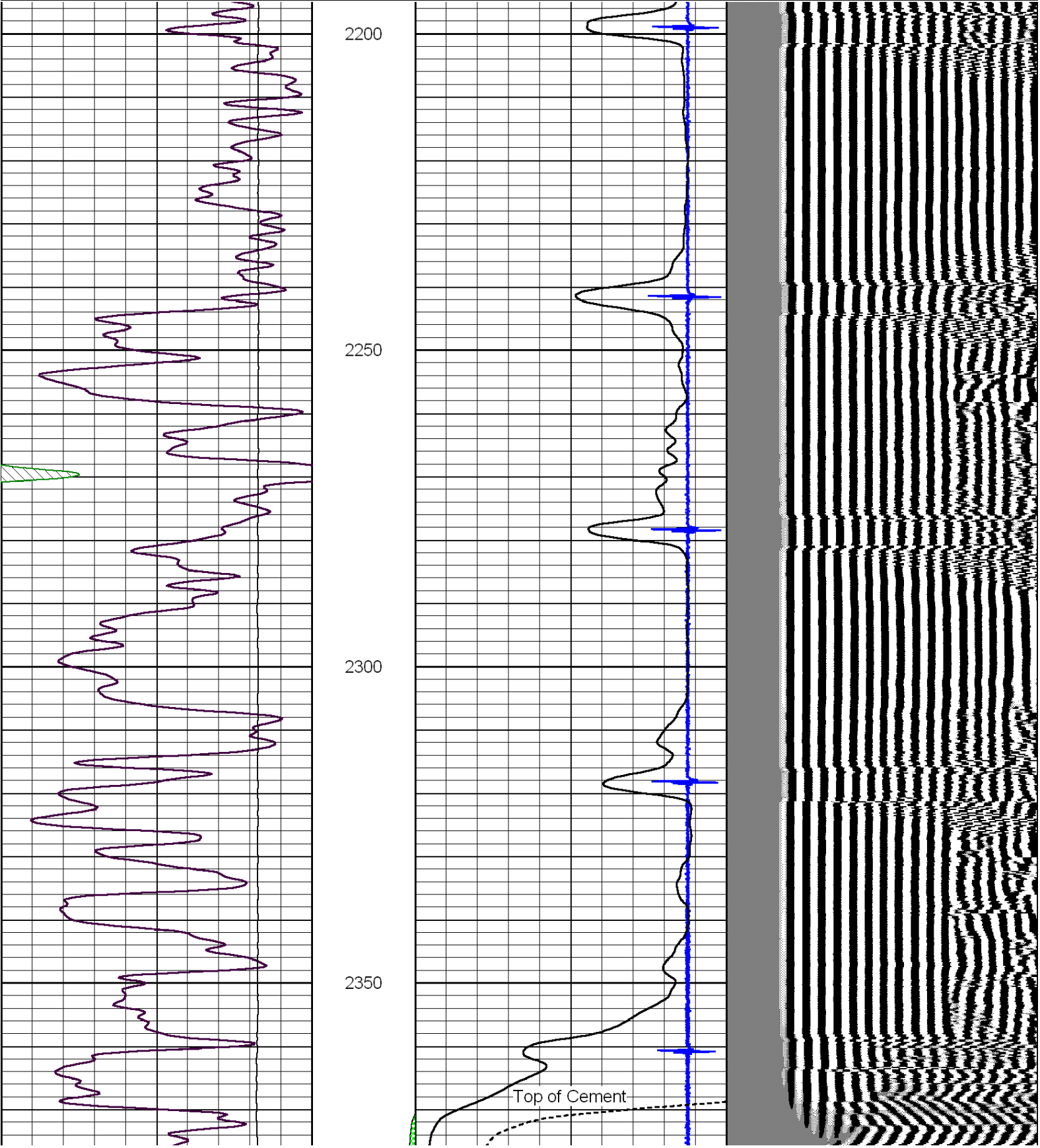
Comments

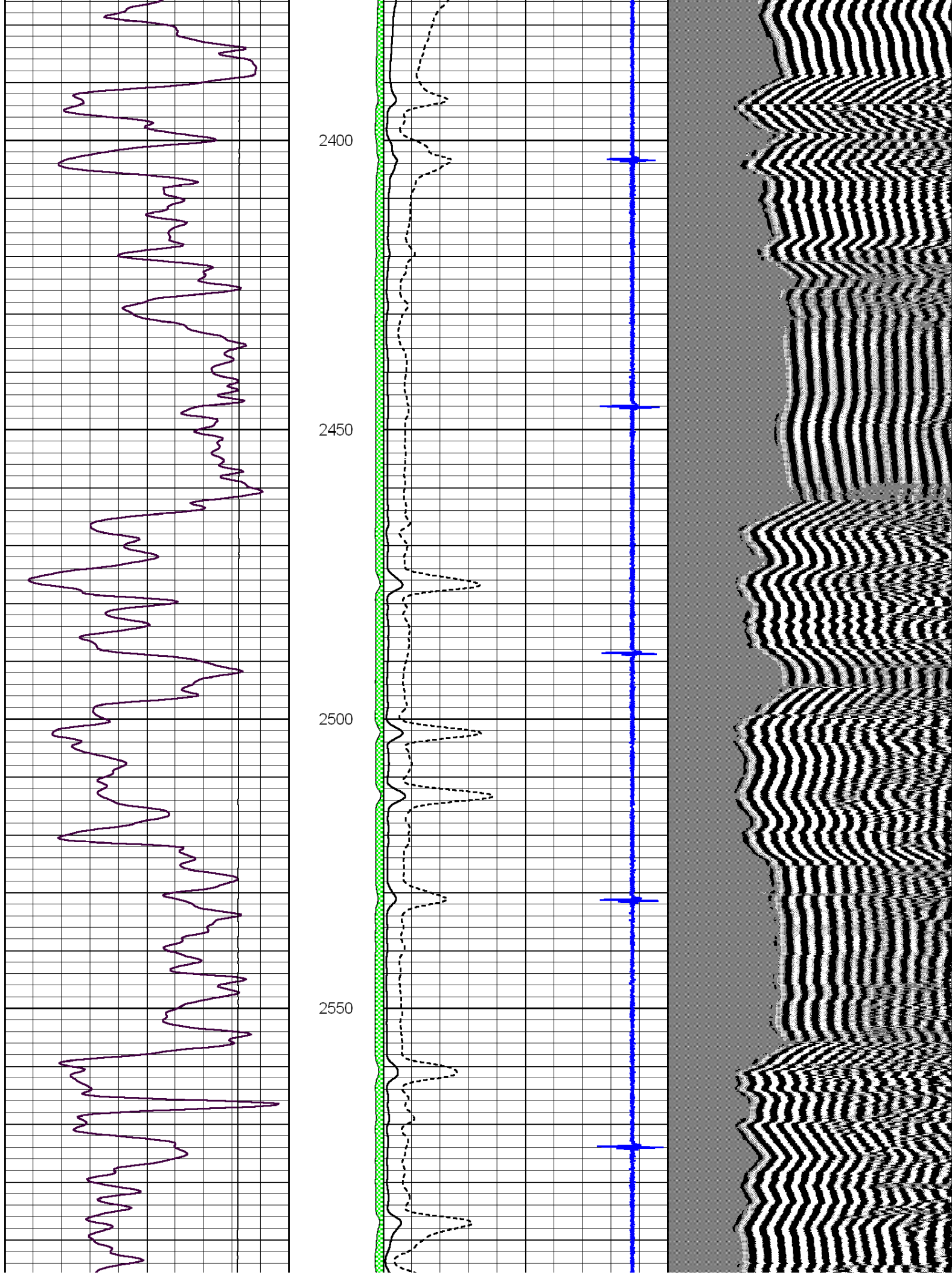
Thank you for using Log-Tech, Inc.
(785) 625-3858

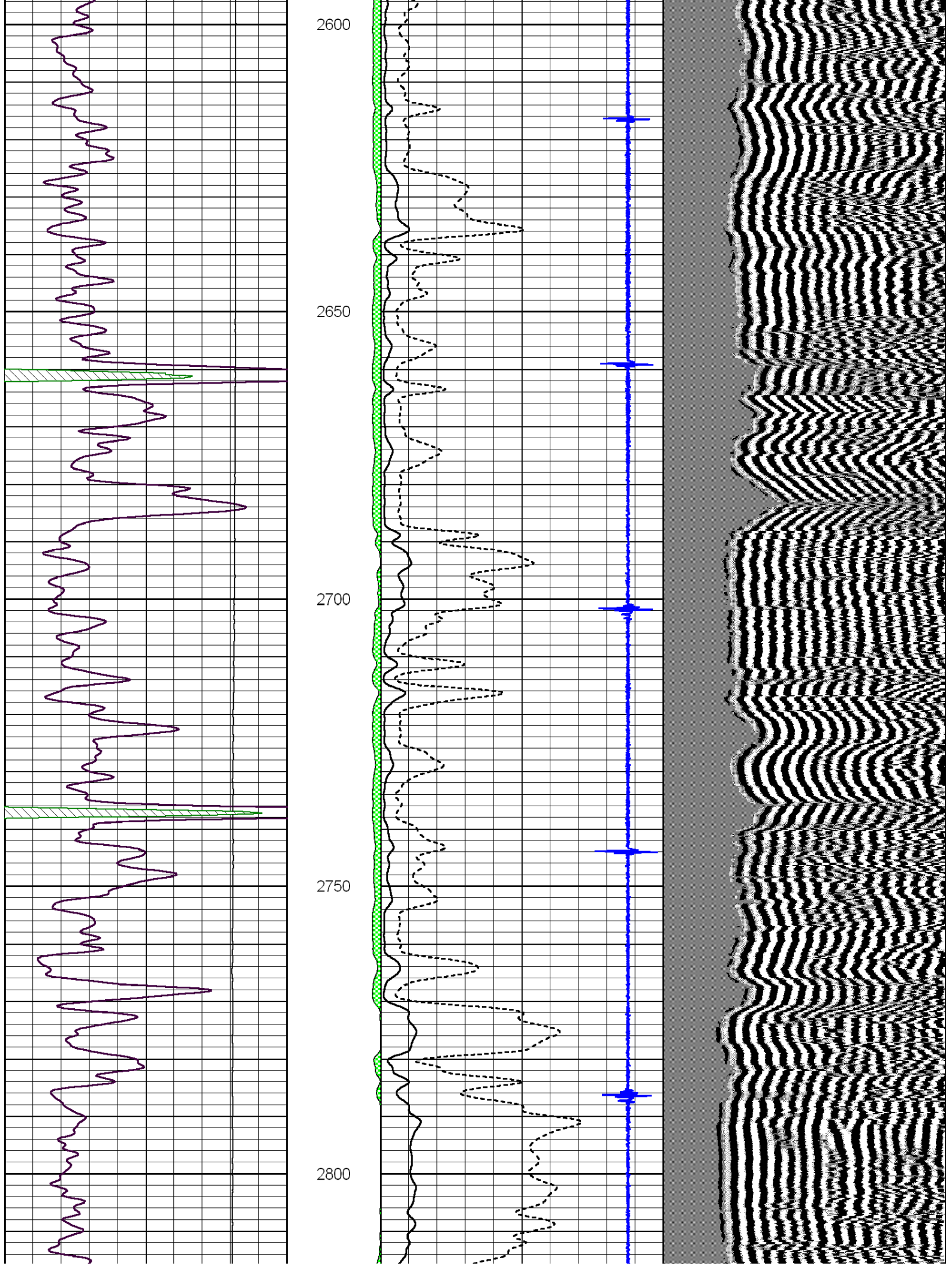
Clafin, Kansas; East to 4th. Rd. (Rice County),
South to J Rd. 1/4 South, West Into.

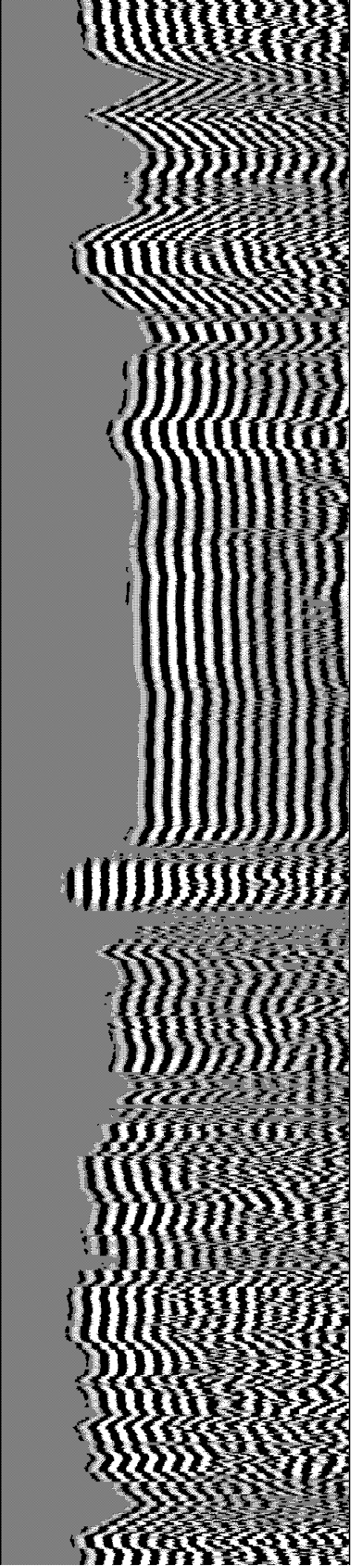
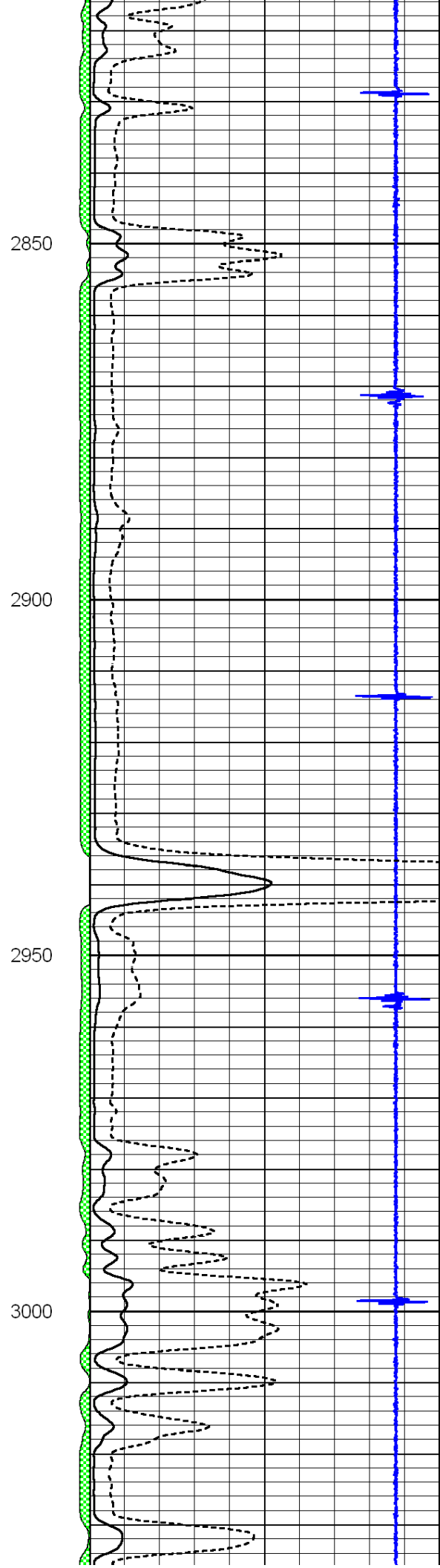
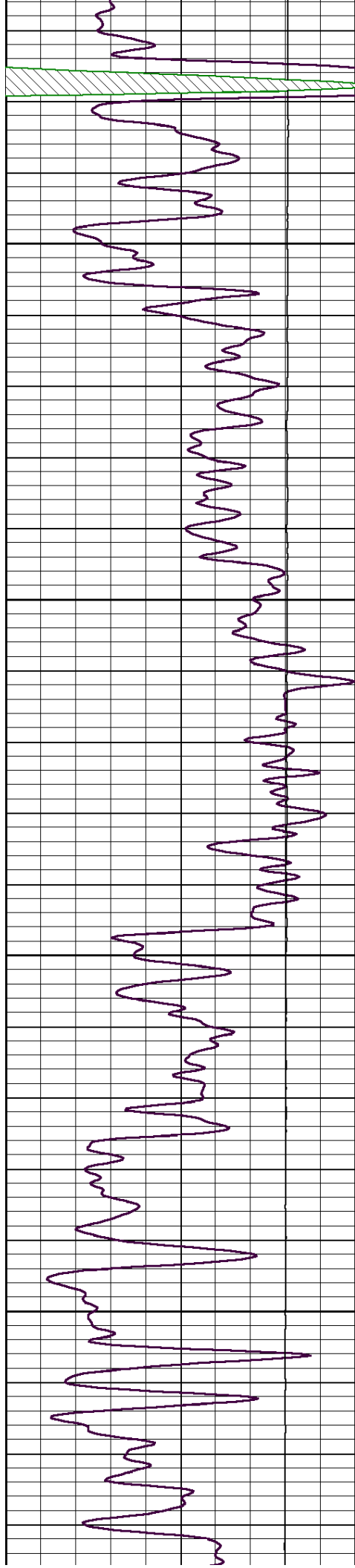
Database File: am war coleman 1-21.db
Dataset Pathname: grcbl/pass2.1
Presentation Format: cbldr
Dataset Creation: Mon Jun 04 13:42:39 2012
Charted by: Depth in Feet scaled 1:240

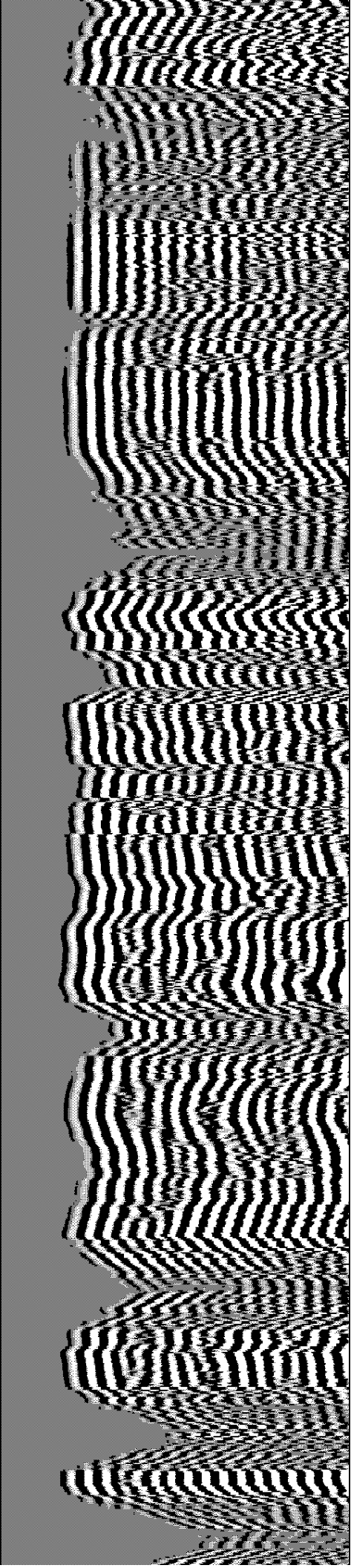
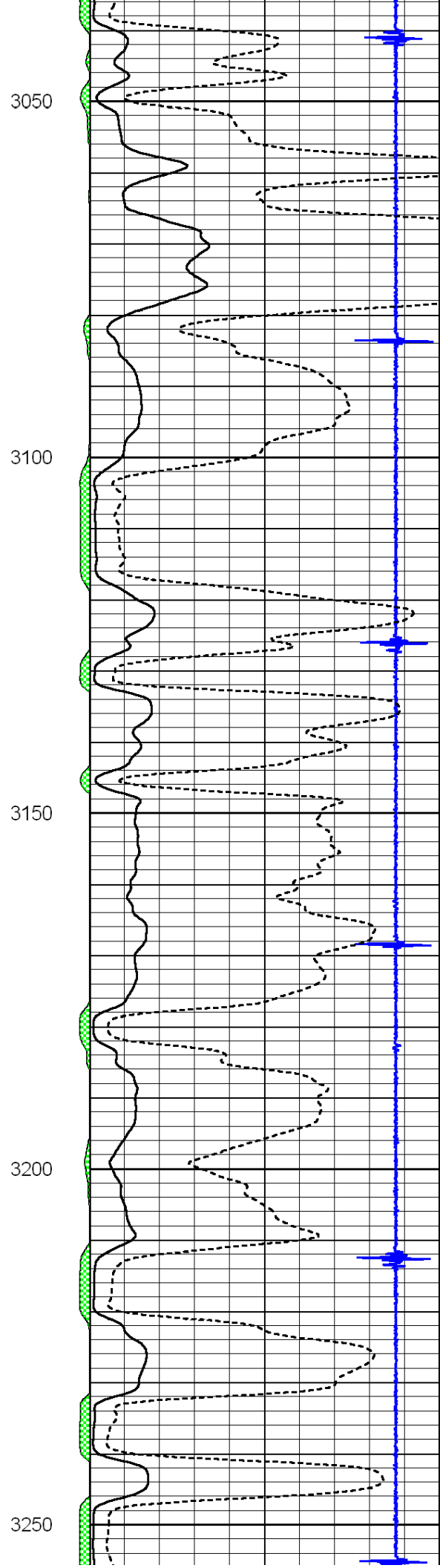
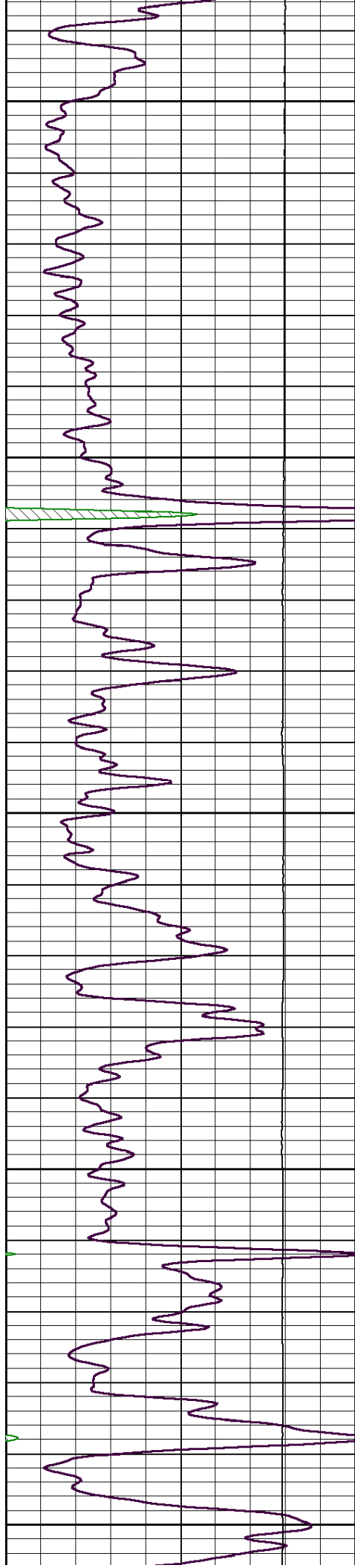
0	Gamma Ray	150	amp3ft	5	Casing Collars	-0.7	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			

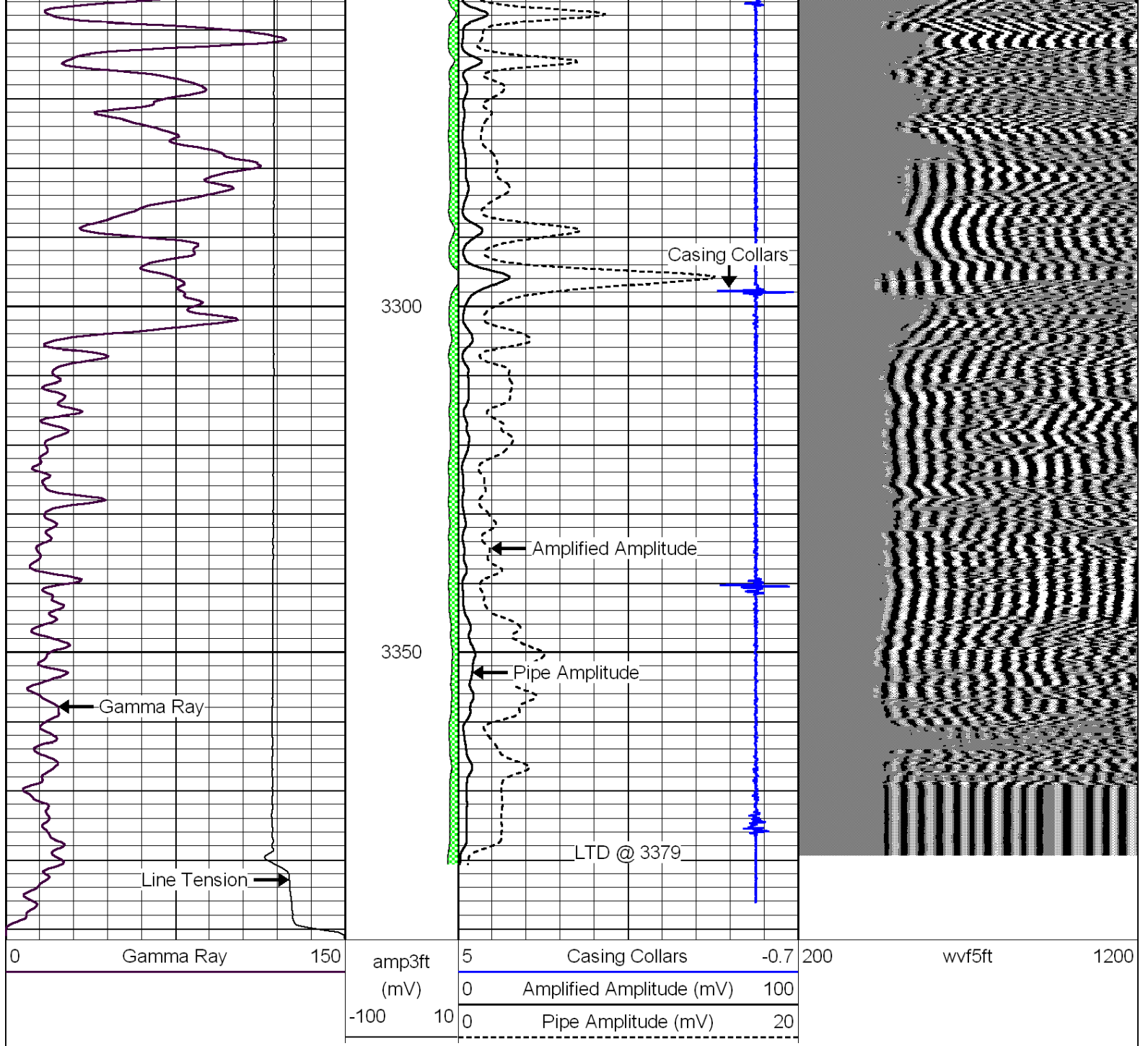












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Repeat Section

Database File: am war coleman 1-21.db
 Dataset Pathname: grcbl/pass1
 Presentation Format: cbldr
 Dataset Creation: Mon Jun 04 13:01:08 2012 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240

